MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Final Bill

Rr 479

26/12/16

M. A. R. 57 (Rule 116)

Measurement Book No. B 489206

...ce drains at Kalyananagara balance roads and 5th, 6th cross 2 (either) ...ggonna palleya side, 1st main, 1st A cross either side, 2nd A 4B cross 1 side ...thes) ...to...Basavahalli main road Shettyhalli Sub Division. in ward No. 13.

From..... To.....

...ctor of nature of Agency ..... Technical managers (I) (P) Ltd., KRIDL

...ncement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	JOB code:- 013-17-0000 01 Est. Cost:- 49 00 Lakhs A.A.No:- AE/DZ/AS/37/2016-17 , Dt. 30.08.2016 T.S.No:- CE/DZ/TS/49/2016-17 , Dt. 01.09.2016 W.O.No:- BBMP/EE/DD/WO/56/2016-17, Dt. 02.09.2016. Date of recording:- 19-9-16						
(1)	Earthwork excavation by manual means in ordinary soil involving soil on average horizontal throw upto 20m and an average lift upto 1.5m. Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per premeasurement Qty recorded in this MB page No. 489272 vide item No. ① . . i.e. @ Rate of 83.16/cum. . .					483.57 cum . . =₹ 40,214/-	
②	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick well compacted, in foundation, including cost of all materials, labour, Hire of machinery, curing complete as per specifications.						
	As per premeasurement MB Page No. 489273 vide item	Qty recorded in this NO. ② . . i.e. @ Rate of 5070.60/cum. . .				92.02 cum . . =₹ 466,576/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 489207

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency ..... Shantilal Jain
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
③	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ 0.460 cum, with Super plasticisers @ 3 litres confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation for footings, pedestal, retaining walls, Staircase, retaining walls, return walls, walls upto thickness including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or locking courses, parapets, bed blocks, anchor blocks, plain window cills, fillets, etc. including cost of all materials, labour,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	HOM of machinery, curing, complete as per specifications As per premeasurement Qty recorded in this MB page No. 489279 vide item No. (3). i.e. @ Rate of 6198.1/cum					290.16cum = ₹17,98,439/-	
(4)	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (lap hooks and wastage should not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. As per premeasurement Qty recorded in this MB page No. 489274 vide item No. (4). i.e. @ Rate of 6982.58/qtl					170.938 tons = ₹11,93,158/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 489208

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Providing and removing centering, shuttering struttings propping etc. and removal of form work, for vertical surfaces such as walls at any thicknesses including attached pilasters, buttresses, plinth and string courses Cost of all materials, labour complete as per specifications As per premeasurement Qty recorded in this MB page No. 489276 vide item No (5). i.e. @ Rate of 306.74/sqm					2436.10 sqm = ₹7,47,248/-	
(6)	Providing & laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm & down size graded granite metal using 4MSD 10mm dia steel @ 100mm clc both ways						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and complete as per specifications.						
	6th cross RLS	25	0.60	0.90		13.50	
	5th cross RLS	20	0.60	0.90		10.80	
	4th cross	18	0.60	0.90		9.72	
	3rd cross LLS	18	0.60	0.90		9.72	
	1st 'B' cross LLS	5	0.60	0.90		2.70	
	1st main	6	0.60	0.90		3.24	
	Basaraboalli main rd. 13th cross LLS	20	0.60	0.90		10.80	
	17th & cross LLS	22	0.60	0.90		11.88	
	missed slabs	23	0.60	0.90		12.42	
	Basaraboalli main road	35	0.60	0.90		18.90	
	cross road	25	0.60	0.90		13.50	
						117.18 Sqm	
	@ Rate of 1600/Sqm. . .					= ₹1,87,488/-	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 489209

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

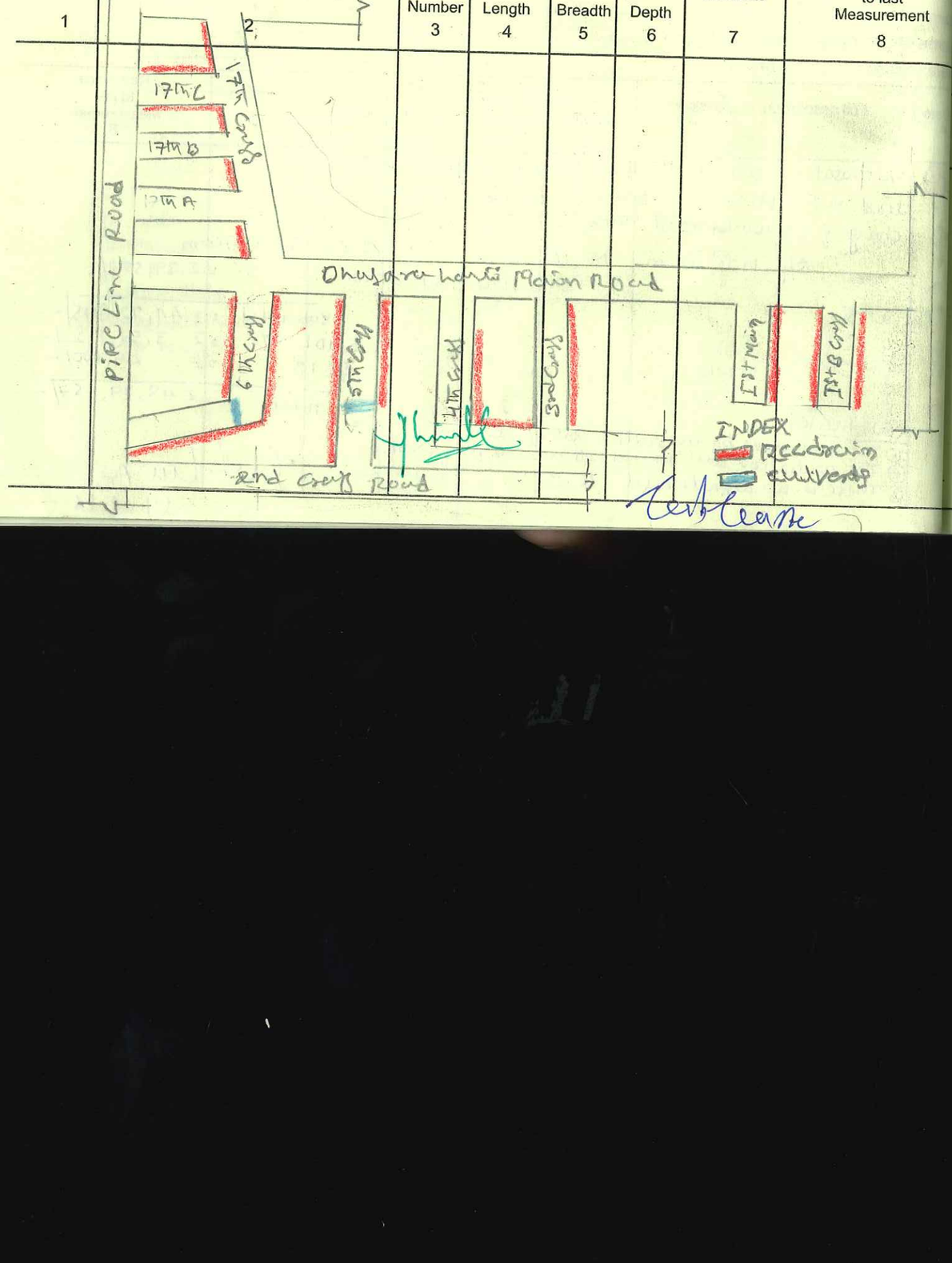
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineers in charge of the works, lead 10 Km.						
	Qty vide item No. (1)				i.e.	48 3.57 Cum	
	@ Rate of 81.72/cum. . . .					= ₹ 39,522/-	
					Sub total	= ₹ 44,72,645/-	
					KRIDL 8%	= ₹ 3,57,812/-	
					QC 1%	= ₹ 49,000/-	
					Total	= ₹ 48,79,457/-	

Certificate:-
① The work done by contractor satisfactorily.
② The contractor has removed all debris from work.
③ There is no departmental issues.

19-9-16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of Ager
Date of commencement of work .....

Date	Full description, etc, of work
1	2